

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080316\
 Data File : BG023431.D
 Acq On : 3 Aug 2016 18:43
 Operator : UM/SJ
 Sample : H4287-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-62-7.0-8.0

Quant Time: Aug 04 02:32:45 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

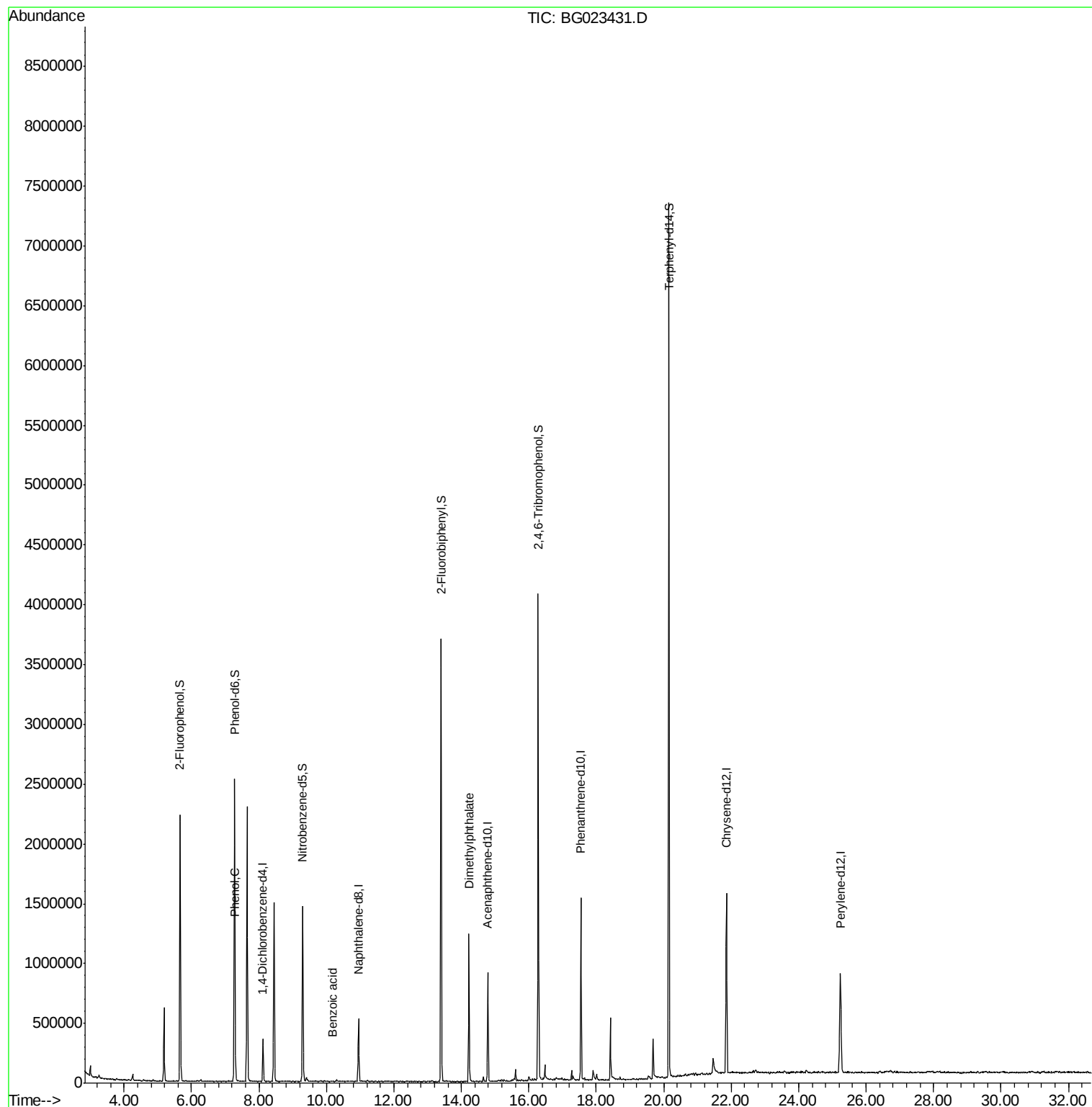
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	97281	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	434483	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	318366	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	891396	20.00	ng	0.00
75) Chrysene-d12	21.86	240	946728	20.00	ng	0.00
86) Perylene-d12	25.24	264	900545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	940561	162.75	ng	0.00
7) Phenol-d6	7.27	99	1498920	166.52	ng	0.00
23) Nitrobenzene-d5	9.29	82	963263	110.22	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	747926	160.61	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1802775	95.51	ng	0.00
78) Terphenyl-d14	20.16	244	2904535	99.21	ng	0.00
Target Compounds						
9) Benzaldehyde	7.27	77	3251	Below Cal	#	8
10) Phenol	7.30	94	24986	2.59 ng	#	83
32) Benzoic acid	10.18	122	164	6.47 ng	#	32
49) Dimethylphthalate	14.22	163	787711	32.25 ng		98
73) Di-n-butylphthalate	18.50	149	7058	Below Cal	#	95
74) Fluoranthene	19.60	202	62	Below Cal	#	60
77) Pyrene	20.16	202	15928	Below Cal	#	81

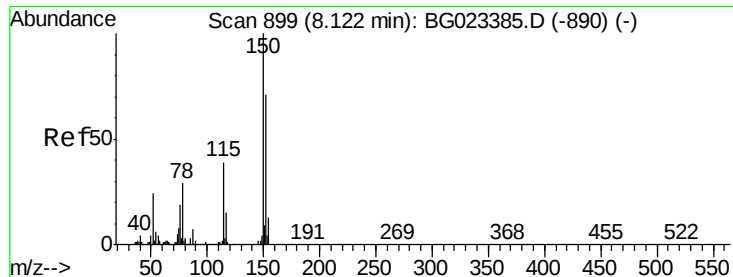
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 01 19:22:14 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

Instrument :

BNA_G

ClientSampleId :

SB-62-7.0-8.0

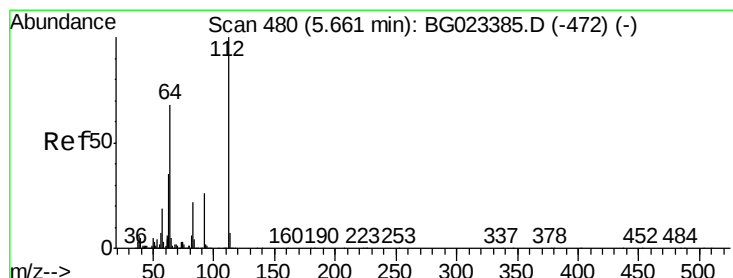
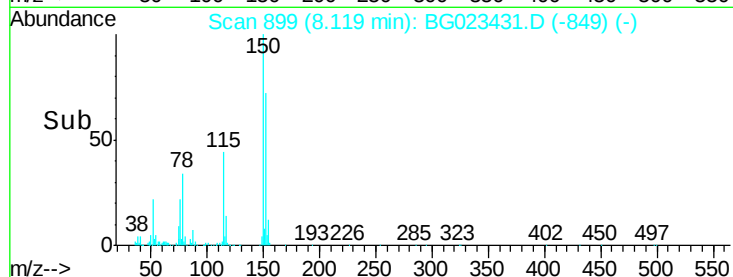
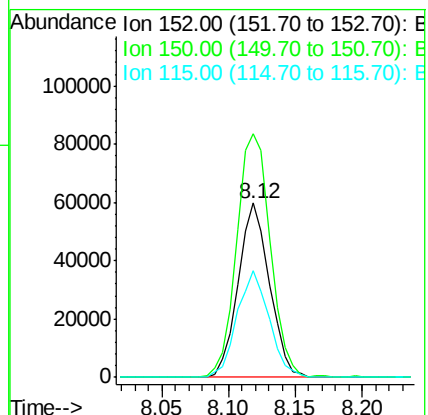
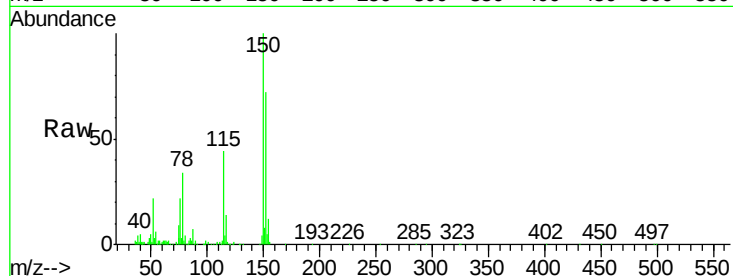
Tgt Ion:152 Resp: 97281

Ion Ratio Lower Upper

152 100

150 139.7 144.7 217.1#

115 61.2 64.0 96.0#



#5

2-Fluorophenol

Concen: 162.75 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

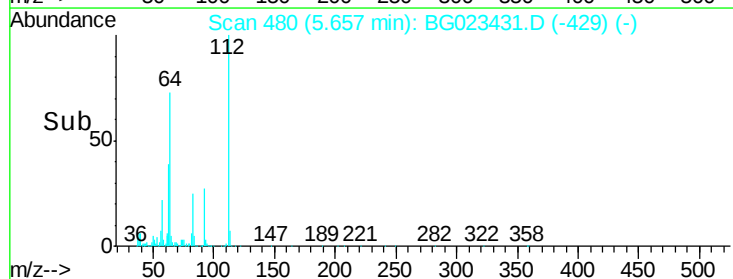
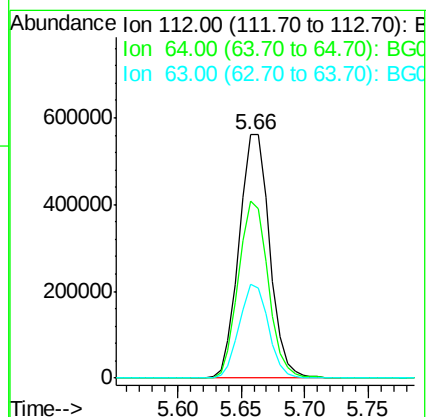
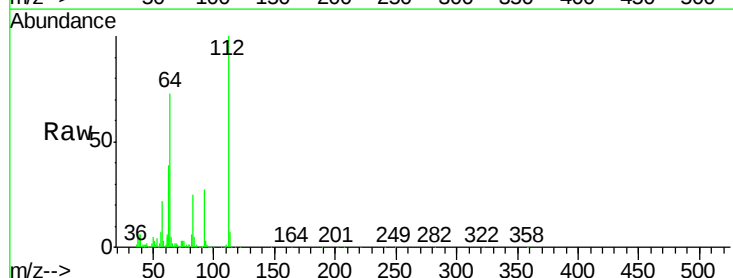
Tgt Ion:112 Resp: 940561

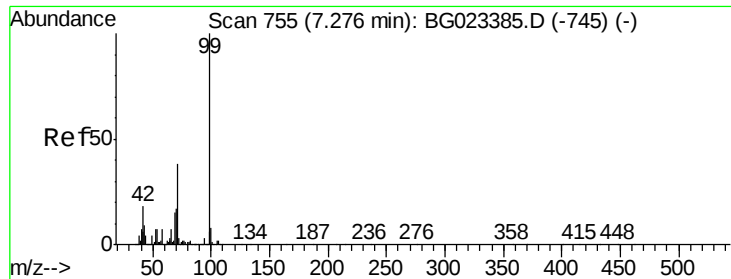
Ion Ratio Lower Upper

112 100

64 72.5 59.0 88.4

63 38.7 37.8 56.8





#7

Phenol-d6

Concen: 166.52 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

Instrument :

BNA_G

ClientSampled :

SB-62-7.0-8.0

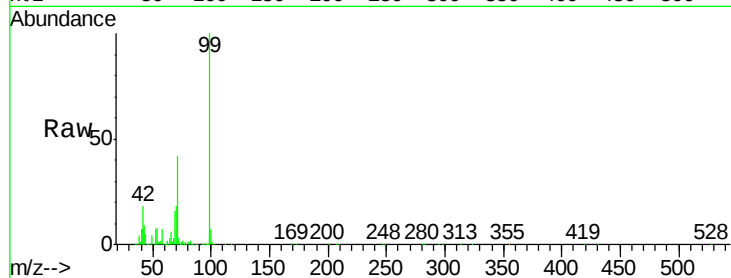
Tgt Ion: 99 Resp: 1498920

Ion Ratio Lower Upper

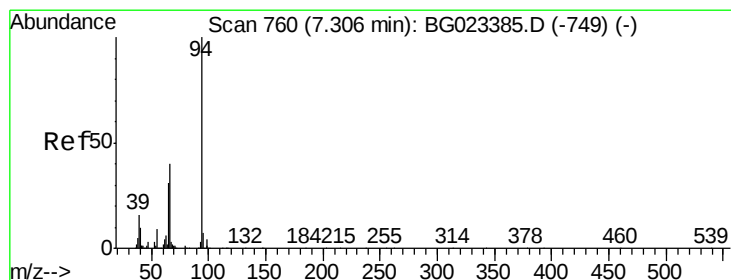
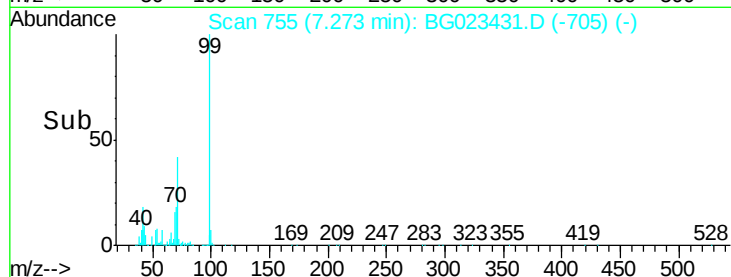
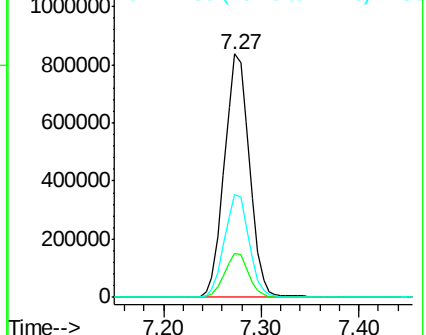
99 100

42 18.0 17.8 26.6

71 42.0 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.59 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

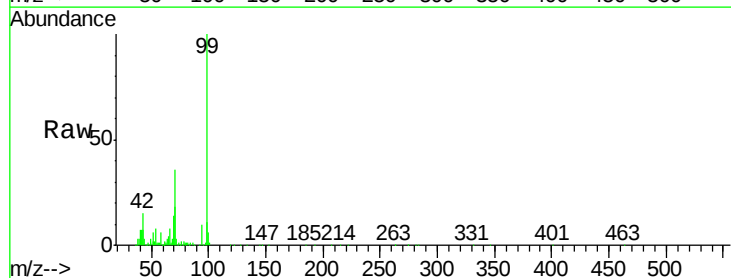
Tgt Ion: 94 Resp: 24986

Ion Ratio Lower Upper

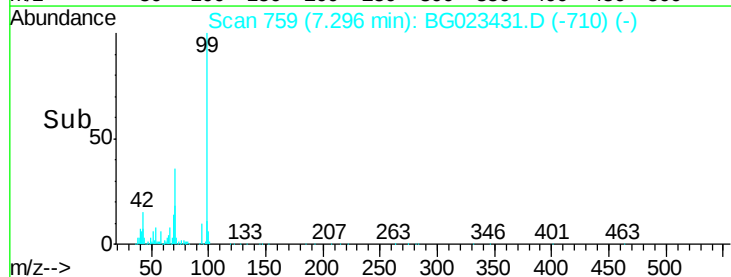
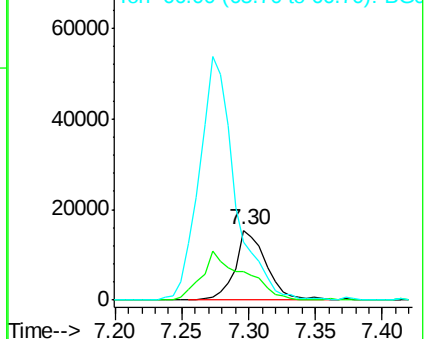
94 100

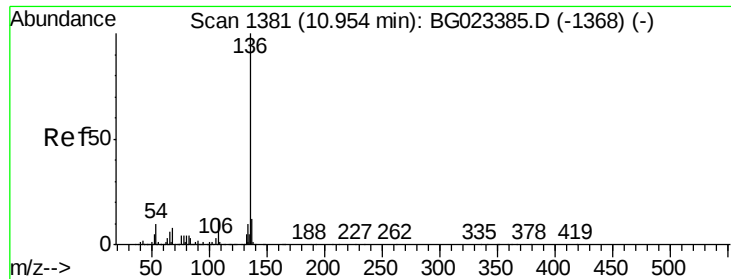
65 40.0 18.1 58.1

66 82.3 42.1 82.1#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

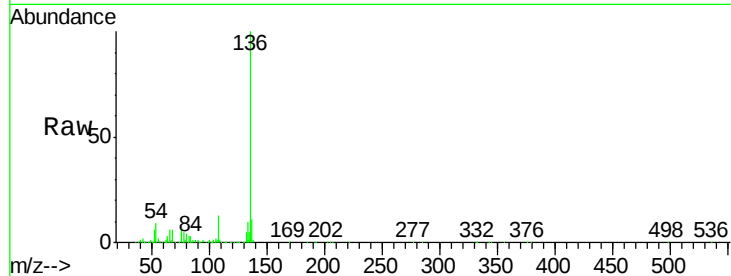




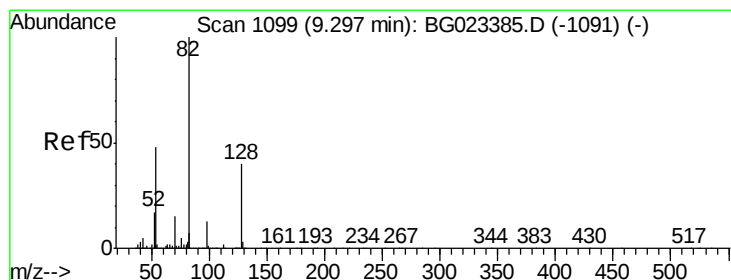
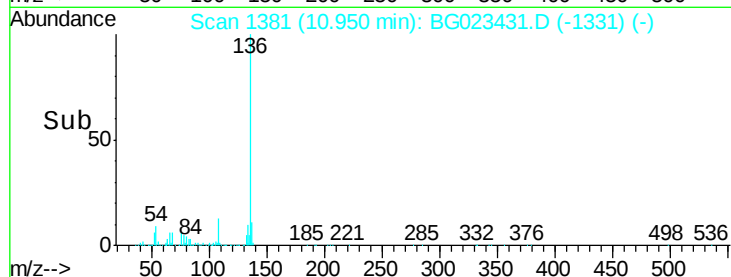
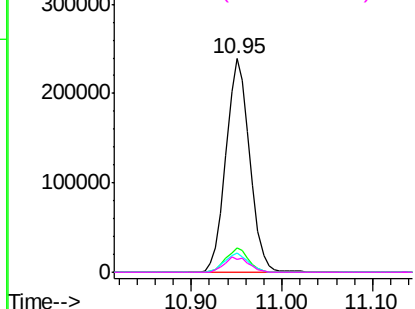
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023431.D
Acq: 3 Aug 2016 18:43

Instrument :
BNA_G
ClientSampleId :
SB-62-7.0-8.0

Tgt Ion:136 Resp: 434483
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 9.1 7.3 10.9
68 6.2 5.3 7.9

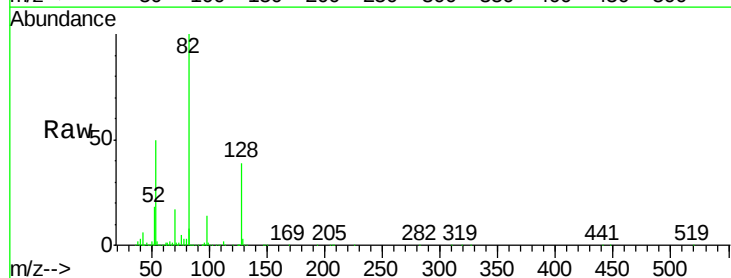


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

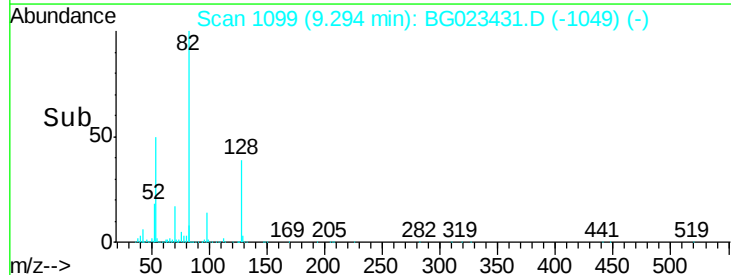
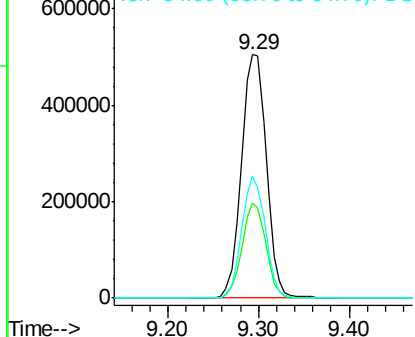


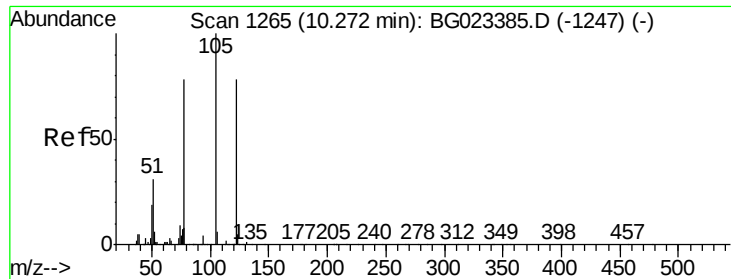
#23
Nitrobenzene-d5
Concen: 110.22 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023431.D
Acq: 3 Aug 2016 18:43

Tgt Ion: 82 Resp: 963263
Ion Ratio Lower Upper
82 100
128 38.9 24.4 36.6#
54 50.0 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 6.47 ng

RT: 10.18 min Scan# 1250

Delta R.T. -0.09 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

Instrument :

BNA_G

ClientSampleId :

SB-62-7.0-8.0

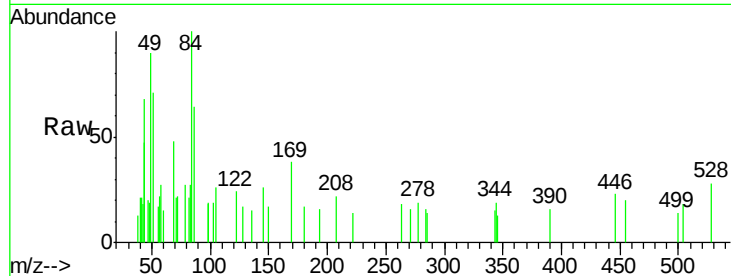
Tgt Ion:122 Resp: 164

Ion Ratio Lower Upper

122 100

105 104.9 117.2 157.2#

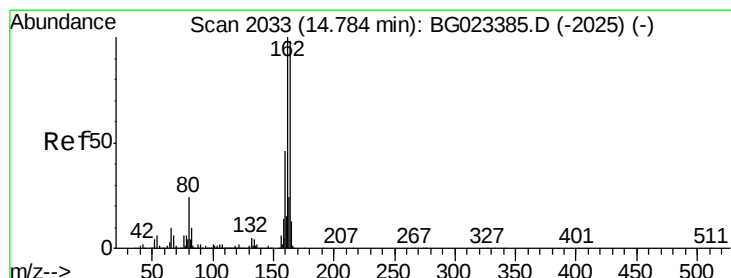
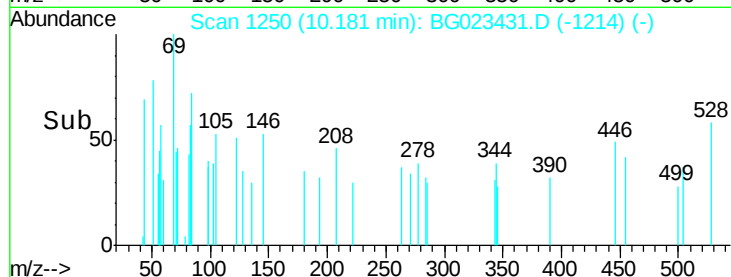
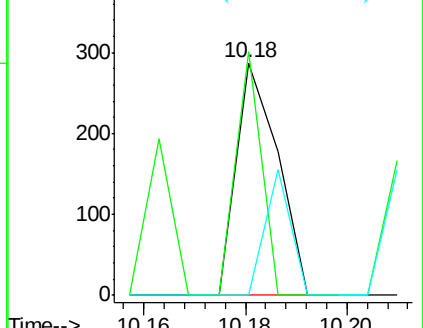
77 0.0 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

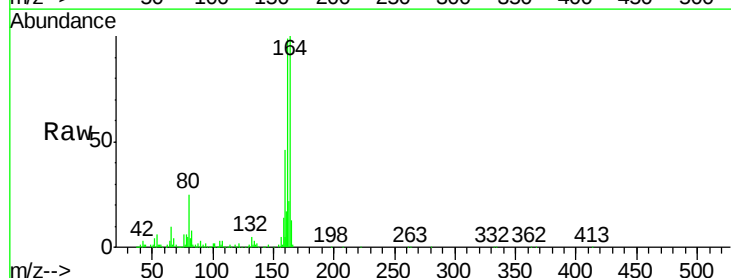
Tgt Ion:164 Resp: 318366

Ion Ratio Lower Upper

164 100

162 99.0 87.7 131.5

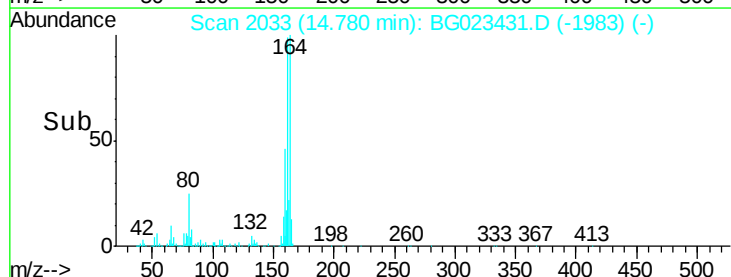
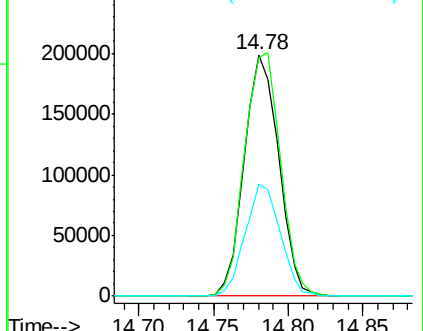
160 46.3 37.2 55.8

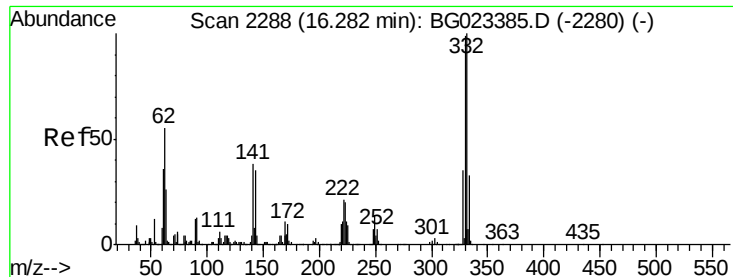


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 160.61 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

Instrument :

BNA_G

ClientSampleId :

SB-62-7.0-8.0

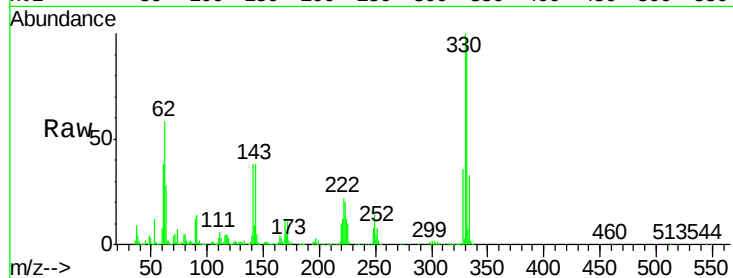
Tgt Ion:330 Resp: 747926

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

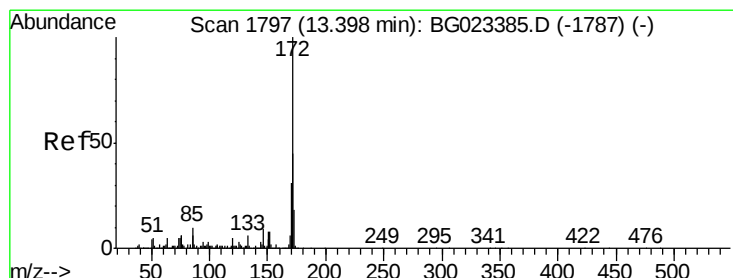
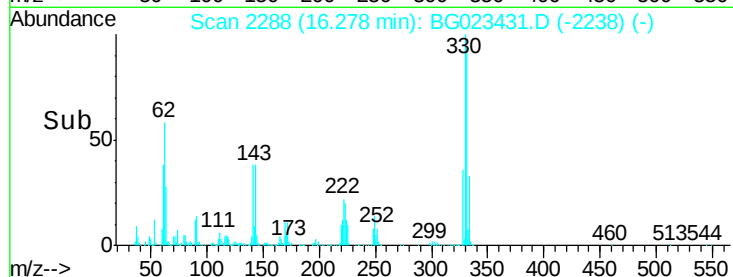
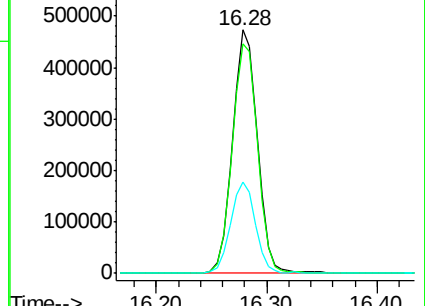
141 37.6 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 95.51 ng

RT: 13.40 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

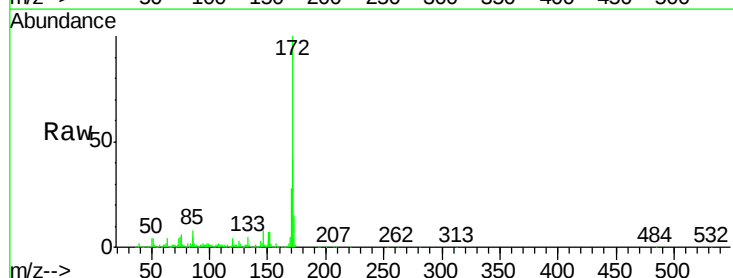
Tgt Ion:172 Resp: 1802775

Ion Ratio Lower Upper

172 100

171 41.6 31.6 47.4

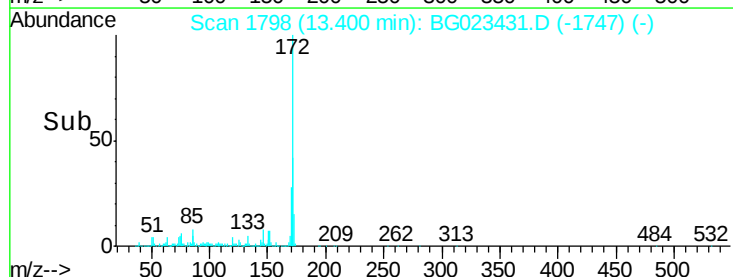
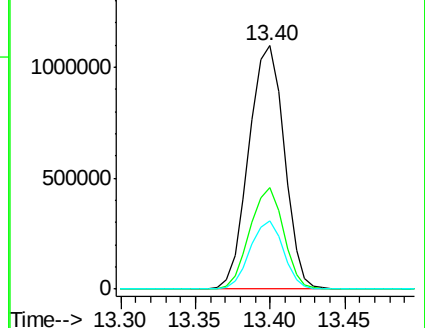
170 28.0 21.3 31.9

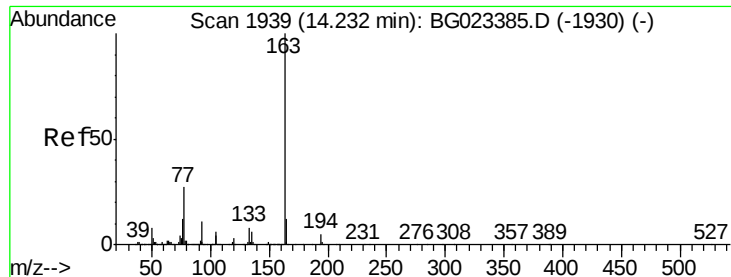


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 32.25 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

Instrument :

BNA_G

ClientSampleId :

SB-62-7.0-8.0

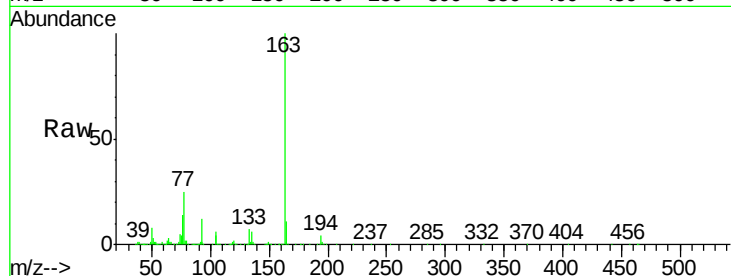
Tgt Ion:163 Resp: 787711

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

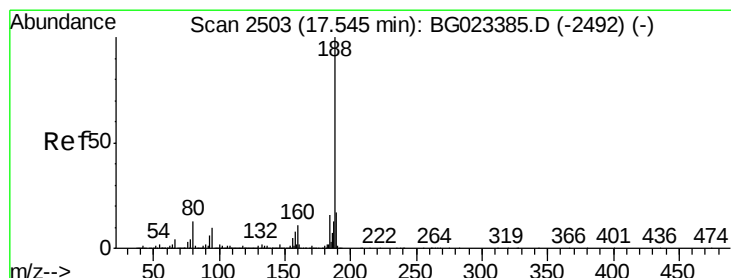
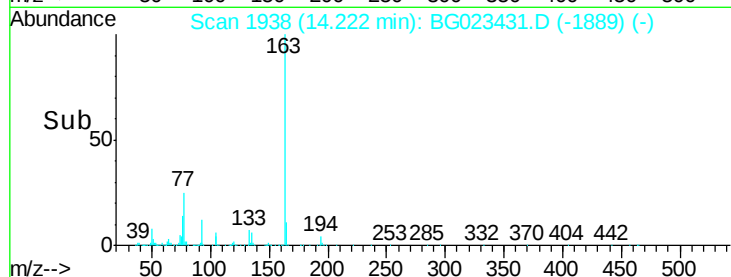
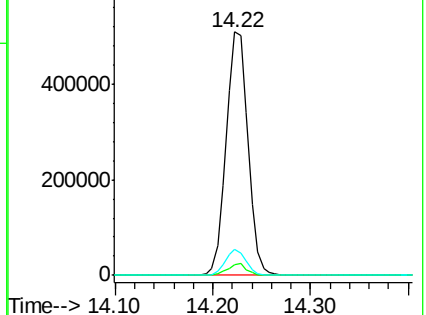
164 10.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

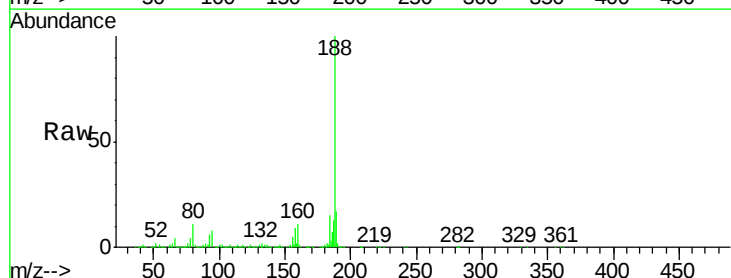
Tgt Ion:188 Resp: 891396

Ion Ratio Lower Upper

188 100

94 8.5 5.2 7.8#

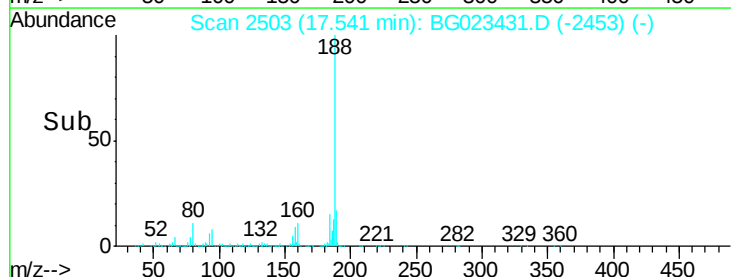
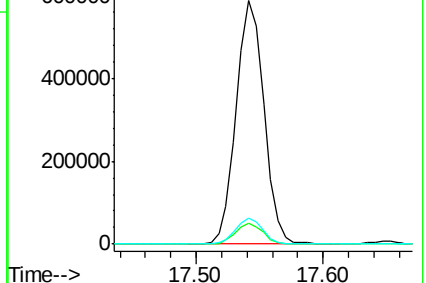
80 10.6 7.2 10.8

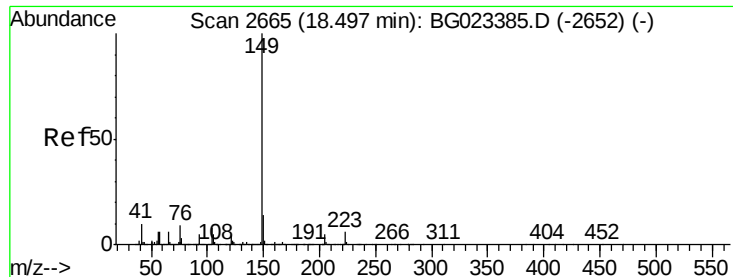


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

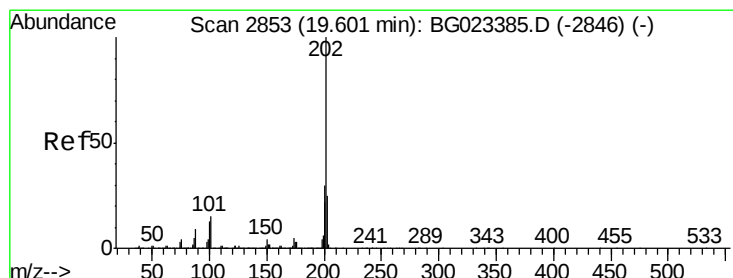
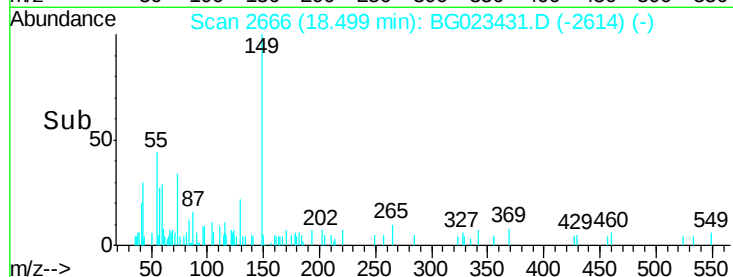
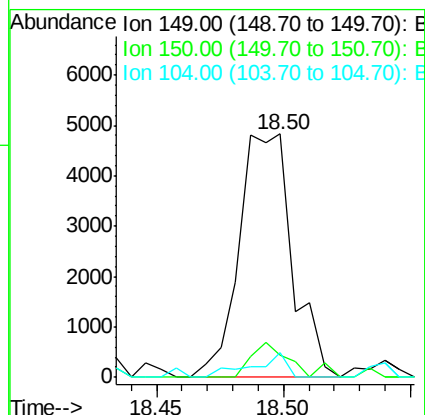
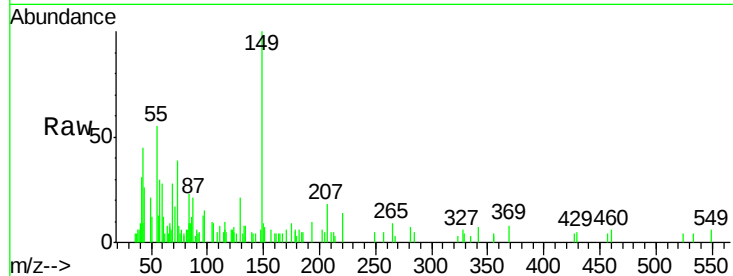




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.50 min Scan# 2666
Delta R.T. 0.00 min
Lab File: BG023431.D
Acq: 3 Aug 2016 18:43

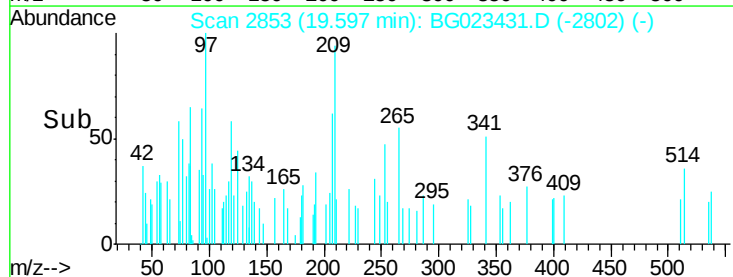
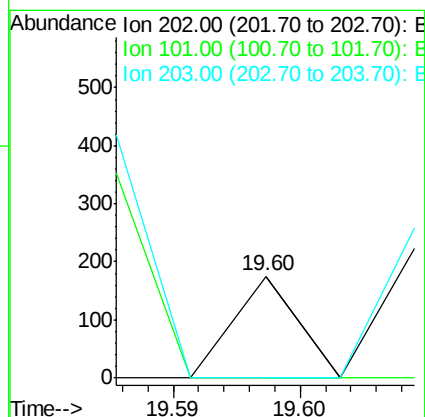
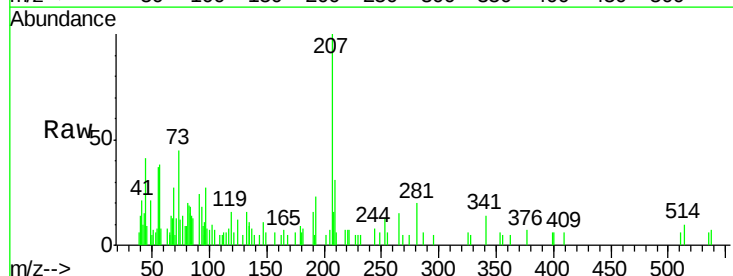
Instrument :
BNA_G
ClientSampleId :
SB-62-7.0-8.0

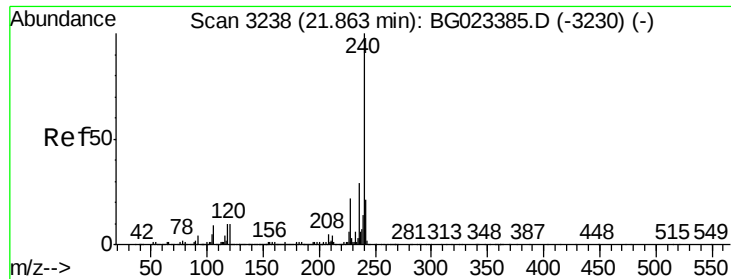
Tgt Ion:149 Resp: 7058
Ion Ratio Lower Upper
149 100
150 9.1 9.1 13.7
104 10.3 6.9 10.3#



#74
Fluoranthene
Concen: Below Cal
RT: 19.60 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG023431.D
Acq: 3 Aug 2016 18:43

Tgt Ion:202 Resp: 62
Ion Ratio Lower Upper
202 100
101 0.0 0.0 27.4
203 0.0 1.7 41.7#

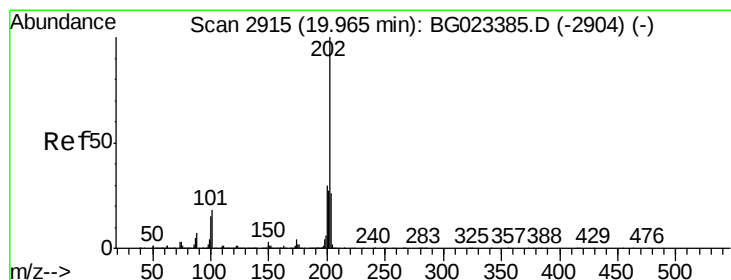
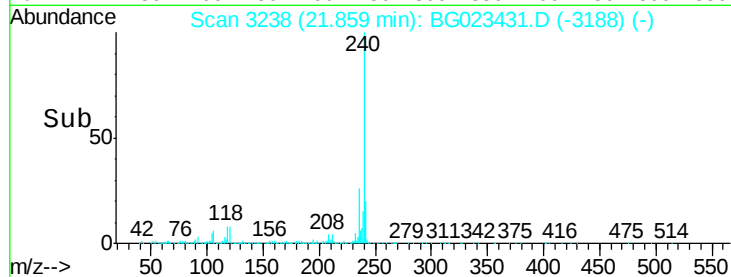
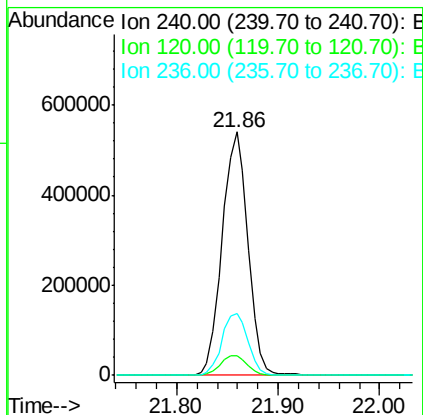
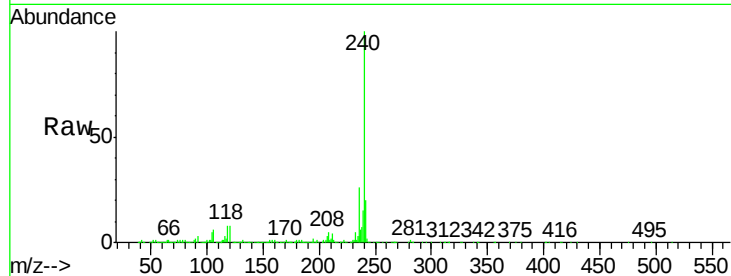




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG023431.D
Acq: 3 Aug 2016 18:43

Instrument :
BNA_G
ClientSampleId :
SB-62-7.0-8.0

Tgt Ion:240 Resp: 946728
Ion Ratio Lower Upper
240 100
120 8.3 4.1 6.1#
236 25.6 21.1 31.7



#77
Pyrene
Concen: Below Cal
RT: 20.16 min Scan# 2948
Delta R.T. 0.19 min
Lab File: BG023431.D
Acq: 3 Aug 2016 18:43

Tgt Ion:202 Resp: 15928
Ion Ratio Lower Upper
202 100
200 43.8 21.2 31.8#
203 20.3 16.8 25.2

